

# CISCO NETWORK CERTIFICATE I, UNDERGRADUATE

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This certificate program is focused on training and preparing students to be able take a series of Cisco certification exams. This serves students in advancing their IT skill sets, and to improve their current and future employment opportunities.

**Grade Requirements:** students must earn a GPA  $\geq 2.5$  in departmental coursework.

## Required Courses

APTC 301	INTRODUCTION TO ROUTING AND SWITCHING	4
APTC 302	NETWORK SERVER CONFIGURATION	4
APTC 303	NETWORK ADMINISTRATION	4
APTC 401	NETWORK DIAGNOSIS AND MAINTENANCE I	4
APTC 402	NETWORK DIAGNOSIS AND MAINTENANCE II	4
APTC 403	ADVANCED ROUTING AND SWITCHING	4
APTC 421	NETWORK SECURITY PROTOCOLS	4
Total Credits		28

The Program Learning Outcomes in this certificate are tied directly to the Cisco Required Standards for each class offered in this certificate. For those details, please review the PLOs for each specific class contained in the certificate.

**Students who successfully earn a Cisco Network Certificate I from EWU should be able to, as a whole, prepares students to take the following Cisco exams:**

- DCICN and DCICT
- DCUCI, DCII, and DCVAI
- Designing Cisco Data Center Infrastructure (DCID)
- IINS
- Interconnecting Cisco Networking Devices, Part 1 (ICND1)
- Interconnecting Cisco Networking Devices: Accelerated (CCNAX)
- ROUTE, SWITCH, and TSHOOT
- Troubleshooting Cisco Data Center Infrastructure (DCIT)